

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of

Chen et al.

Serial No.: Not Yet Assigned

Group Art Unit: Unknown

Filing Date: Concurrently Herewith

Examiner: Unknown

For: INCREMENTAL AST MAINTENANCE USING WORK AREAS

Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

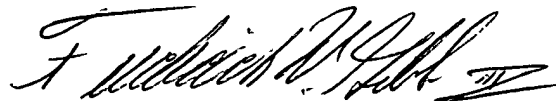
Sir:

Under the provisions of 37 CFR §1.97 through §1.99 and pursuant to applicants' duty of disclosure under 37 CFR §1.56, applicants respectfully bring the following documents, listed on the attached form PTO-1449, to the attention of the Examiner in charge of the above-identified application. Copies of the listed documents are provided herewith for the convenience of the Examiner. This citation does not constitute an admission that the references are relevant or material to the claims. They are only cited as constituting related art of which the applicants are aware.

It is respectfully requested that the listed references be considered by the Examiner and formally made of record in this application.

Please charge any deficiencies in fees and credit any overpayment of fees to Attorney's Deposit Account No. 09-0441.

Respectfully submitted,



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INFORMATION DISCLOSURE CITATION*(Use several sheets if necessary)*ATTY DOCKET NO.
ARC920030030US1SERIAL NO.
Not Yet AssignedFILING
Concurrently HerewithGROUP
Unknown**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	US 2002/0046204 A1	04/18/2002	Hayes			
	US 2002/0111955 A1	08/15/2002	Colby et al.			
	5,983,228	11/09/1999	Kobayashi et al.			
	6,026,390	02/15/2000	Ross et al.			
	6,125,360	09/26/2000	Witkowski et al.			
	6,134,543	10/17/2000	Witkowski et al.			
	6,272,502	08/07/2001	Lieuwen et al.			
	6,484,159	11/19/2002	Mumick et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

		"Incremental Maintenance for Non-Distributive Aggregate Functions", Themistoklis Palpanas, Richard Sidle, Roberta Cochrane, Hamid Pirahesh, Proceedings of the 28th VLDB Conference, Hong Kong, China, 2002, 12 pages
		"Derivation of Incremental equations for Nested Relations", Jixue Liu, Millist Vincent, Database Conference, 2001, ADC 2001, Proceedings 12th Australasian, pp. 76-82

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

